

Respectfully submitted,

G. GELLISSEN, ET AL.

Sept 10, 2002
(Date)

By: Ellen M. Klann

ELLEN M. KLANN, Ph.D.

Registration No. 44,836

MORGAN, LEWIS & BOCKIUS, LLP

1701 Market Street

Philadelphia, PA 19103-2921

Telephone: (215) 963-5000

Direct Dial: (215) 963-5368

Facsimile: (215) 963-5299

E-Mail: eklann@morganlewis.com

Agent for Applicants

KD/EMK/pw

Attachments:

Paper and diskette copy of Sequence Listing

Sequence Listing Transmittal Sheet

Marked-up copy of Sequence Listing

Substitute page 20 of the specification

Marked-up copies of Page 20 of the specification

1-PH/1667689.1

Strain	Genotype	Reference
RH 2185	<i>MATαΔaro 7::LEU2 suc2-89 ura3-52 leu2-3 leu2-112 his4-519</i>	Schnappauf et al., 1997
RH 1405	<i>MAT α suc2-89 ura3-52 leu2-3 leu2-112 his4-519</i>	Schnappauf et al., 1997

Table 1: *S. cerevisiae* strains used

Plasmid	Description	Reference
pRS426	5726 bp shuttle vector, <i>bla</i> <i>URA 3</i>	Sikorski and Hieter, 1989
pBluescript KS II	2961 bp vector, <i>bla</i> , <i>lacZ</i> , Multiple Cloning Site (MCS)	Stratagene
pME1513	p426 <i>MET25</i> with altered MCS (<i>SacI</i> <i>pMET25</i> <i>XbaI</i> <i>SpeI</i> <i>BamHI</i> <i>SalI</i> <i>SfiI</i> <i>NotI</i> <i>XhoI</i> ^T <i>CYCI</i> <i>KpnI</i>)	Probst, 1998
pME 1524	5 kb <i>Sau3A</i> Fragment from <i>H. p.</i> in <i>BamHI</i> cleaved pRS426	
pME1525	1.8 kb [<i>ApaI</i> / <i>HindIII</i>]-fragment from pME 1524 in pRS426 (<i>SmaI</i>)	
pME1526	pBluescript II KS (<i>ApaI</i> / <i>HindIII</i>) + 1.8 kb (<i>ApaI</i> / <i>HindIII</i>)-fragment from pME1524	

Table 2: Plasmids used

Oligonucleotide	Size	Sequence
T3	20-mer	5'-(AATTAACCCCTCACTAAAGGG)-3' (SEQ ID NO: 4)
T7	22-mer	5'-(GTAATACGACTCACTATAGGGC)-3' (SEQ ID NO:5)
OLSK34	26-mer	5'-(ATATAGATCTACAAA_AACTAAACAGG)-3' (SEQ ID NO: 6)
OLSK35	28-mer	5'-(ATATAGATCTGATGCG-ACGCAGAAAAGC)-3' (SEQ ID NO: 7)

Table 3: Oligonucleotides used

Strain	Genotype	Reference
RH 2185	<i>MAT$\alpha$$\Delta$aro 7::LEU2 suc2-$\delta$9 ura3-52 leu2-3 leu2-112 his4-519</i>	Schnappauf et al., 1997
RH 1405	<i>MAT α suc2-δ9 ura3-52 leu2-3 leu2-112 his4-519</i>	Schnappauf et al., 1997

Table 1: *S. cerevisiae* strains used

Q1 cancelled

Plasmid	Description	Reference
pRS426	5726 bp shuttle vector, <i>bla URA 3</i>	Sikorski and Hieter, 1989
pBluescript KS II	2961 bp vector, <i>bla, lacZ</i> , Multiple Cloning Site (MCS)	Stratagene
pME1513	p426MET25 with altered MCS (<i>SacI pMET25 XbaI SpeI BamHI SalI SfiI NotI XhoI^T CYCI KpnI</i>)	Probst, 1998
pME 1524	5 kb <i>Sau3A</i> Fragment from <i>H. p.</i> in <i>BamHI</i> cleaved pRS426	
pME1525	1.8 kb [<i>ApaI/HindIII</i>]-fragment from pME 1524 in pRS426 (<i>SmaI</i>)	
pME1526	pBluescript II KS (<i>ApaI/HindIII</i>) + 1.8 kb (<i>ApaI/HindIII</i>)-fragment from pME1524	

Table 2: Plasmids used

Oligonucleotide	Size	Sequence
T3	20-mer	5'-(AATTAACCCTCACTAAAGGG)-3' (SEQ ID NO: 4)
T7	22-mer	5'-(GTAATACGACTCACTATAGGGC)-3' (SEQ ID NO:5)
OLSK34	26-mer	5'-(ATATAGATCTACAAA_AACTAAACAGG)-3' (SEQ ID NO: 6)
OLSK35	28-mer	5'-(ATATAGATCTGATGCG-ACGCAGAAAAGC)-3' (SEQ ID NO: 7)

Table 3: Oligonucleotides used